

- ◆ Guaranteed Low PIM
- ◆ 200W average Power
- ◆ IP67 Rated
- ◆ Low VSWR
- ◆ Intimate cable contact
- ◆ RoHS compliant
- ◆ Mounting Brackets included



Model TK-28FD



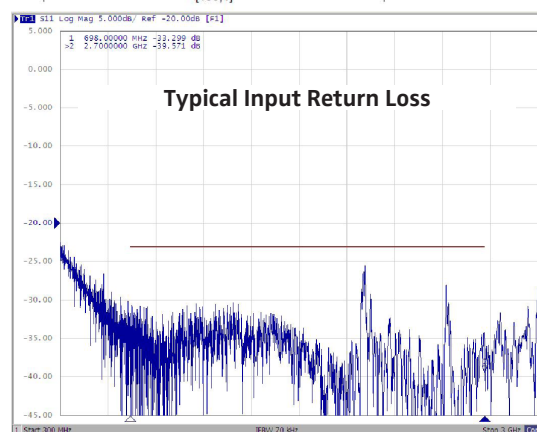
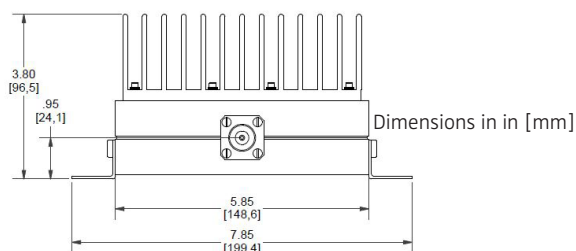
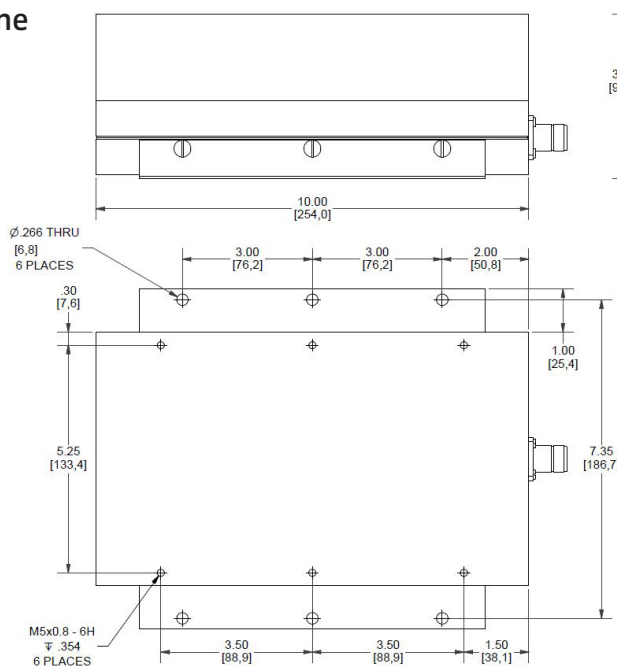
Connector	Model No.	
	Male	Female
N-type	TK-28MN	TK-28FN
7-16 DIN	TK-28MD	TK-28FD
4.3-10	TK-28ME	TK-28FE

Microlab TK-28 series 200 W Cable Loads are intended for wireless applications, when extremely low PIM, Passive Inter modulation, is required. A typical application is terminating the unused port of a Hybrid Coupler used to combine different wireless signals. A broad frequency range of 300 to 2700 MHz covers the majority of wireless applications requiring low PIM performance.

Air flow over the load is assumed, in order to meet the rated surface temperature.

Frequency: 300 - 2700 MHz  
 Return Loss: 23 dB typ., 20 dB min  
 PIM: -161 dBc (-118 dBm) min tested with 2 x 20W tones at 25°C  
 Power: 200W avg, 5 kW peak  
 Environment: -35 to +55°C ambient<sup>†</sup>, IP67  
 Impedance: 50Ω nom.  
 Housing Finish: Black anodized aluminum  
 Weight: 12 lb., (5.4 kg.) nominal  
<sup>†</sup>Operating surface temperature is not to exceed 100°C

### Outline



Note: Specifications are subject to change without prior notification.

23APR2024